

EYFS UTW

Use senses in hands-on exploration of natural materials.

Exploring objects linked to light- torch, colour paddles etc

Natural objects- grass, mud, leaves and tree bark to examine

Selection of instruments and materials so that children can create sounds to go with the story.

Find out some facts about owls. Discuss what nocturnal means and find other nocturnal animals.

Continue to develop positive attitudes about the differences between people- mirrors eye and hair colour. Different but all unique and important etc.

Begin to make sense of their own life-story and family's history.

Children and staff bring in family photographs. Celebrate differences between people

Begin to make sense of their own life-story and family's history.

Year 1 - Knowledge

- To identify how the weather changes across the four seasons.
- To identify events and activities that take place in different seasons.
- To recognise how trees change across the four seasons.
- To recognise that daylight hours change across the four seasons.
- To observe changes across the four seasons.
- To plan to carry out a weather report.

Science on a Page Knowledge

Term - Autumn 1

Subject Leader - Sara Hobbins



Year 2- knowledge

- To identify some of the characteristics of living things.
- To recognise the difference between things that are alive , were once alive or have never been alive
- To identify plants and animals in different habitats.
- To identify how a habitat provides animals and plants with what they need to survive.
- To recognise how animals and plants depend on each other.
- To recall how animals get their food from plants and other animals.

Year 3 knowledge

- To explain the role of a skeleton.
- To recognise the main bones in the body.
- To explain how muscles are used for movement.
- To explain how food is an essential energy source for animals
- To identify the main nutrient groups and their simple functions.
- To explain what makes a balanced diet.

Year 4 Knowledge

- To describe the function of the human digestive system.
- To recognise the different types of human teeth and their role in eating.
- To explain how to care for our teeth.
- To recognise that difference in teeth relates to an animal's diet.
- To recognise producers , predators and prey in food chains.
- To recognise that animal poo can give us clues about digestion, teeth and diet.

Year 5 Knowledge

- To describe mixtures.
- To explain the process of sieving.
- To explain the process of filtering.
- To describe solutions and how they can be identified.
- To identify which factors affect the time taken to dissolve.
- To describe the process of evaporation.

Year 6 - Knowledge

- To explain how organisms are classified using the Linnaean system.
- To classify the cold-blooded vertebrate groups using their common characteristics.
- To classify the warm blooded vertebrate groups using their common characteristics .
- To classify invertebrates using their characteristics.
- To describe how the plan kingdom is organised based on their shared characteristics.
- To describe and classify micro-organisms.